

POXYART CASTING XL RESIN

DATA SHEET

PRODUCT: An ambient temperature curing, low viscosity, solvent free – high gloss – Transparent Epoxy Coating/Casting Resin

APPLICATION: Pouring

VISCOSITY: 25°C (77°F)
Resin: 1400 – 1500 mPa.s
Hardener: 200 – 300 mPa.s
Mixed Viscosity: 500 – 600 mPa.s

COLOUR:
Resin: Clear – Transparent
Hardener: Clear – Transparent

SPECIFIC GRAVITY: 23°C (73°F)
Resin: 1.07 – 1.1 g/cm³
Hardener: 0.94 – 0.96 g/cm³

MIXING RATIO: By Weight
100 parts Resin
50 parts Hardener

COVERAGE:
(applied 0.5 mm thick) 1 m² per 0.5 litre mixed resin

The following times might differ depending on the volume casted. The below times are calculated at a casting of 2.5kg mixed product. Times might be longer when casting smaller volumes.

PRACTICAL WORKING TIME:
(2.5 kg mixed resin): 25 °C 4 Hours

GELTIME:
(2.5 kg mixed resin): 25 °C 5 Hours

SETTING TIME:
(2.5 kg mixed resin): 25 °C 7 Hours

TOUCH DRY:
(2.5 kg mixed resin): 25 °C 7 Hours

FULL CURE HARDNESS: 7 Days
Cured 7 Days: 25 °C Shore D: 60 (5mm thick casting)
Hardness at 60°C (140°F) Shore D: 65 (65mm thick casting)

MINIMUM APPLICATION TEMP: 15°C

PROPERTIES AND USES:

PoxyArt Casting XL Resin produces a high gloss, flexible and tough coating with good impact and abrasion resistance.

Casting XL can be casted up to 60mm Deep or max 2.1kg.

The long pot life allows better air release, so less bubbles.

The excellent clarity and transparency makes the Resin System particularly suitable for:

- River Tables
- Large Volume Castings

STORAGE STABILITY: Stored under dry and cool conditions in sealed packaging: 12 months.

TOXICITY: Non-toxic at ambient temperatures, very low skin irritation potential. However, gloves should be worn and adequate ventilation must be ensured during application.

NOTICE: The technical specification and/or our technical advice, whether verbal, in writing or by trials, is given in good faith and based on our test results obtained but without warranty. It does not release the user from the obligation to test the products supplied by us or any third party as to the suitability for the intended application.

The application, use and processing of the products are beyond our control and PoxyArt's legal obligation in respect of any sale of its products shall be determined by the terms of its conditions of sale.

For any further information, please don't hesitate to contact us via info@poxyart.com

PoxyArt Casting Resin is available for online purchase from www.poxyart.com

This document was revised March 2017 at which all information was deemed current and correct.